

Claims

- [c1] 1. An organic light-emitting display having a plurality of pixels and at least one external power line, the organic light-emitting display being characterized in that:
the external power line diverts into a plurality of internal power lines to connect to the pixels, wherein each of the internal power lines is segmented into at least two separated parts.
- [c2] 2. The organic light emitting display of claim 1, wherein the external power line is coupled to a power source.
- [c3] 3. The organic light emitting display of claim 2, wherein the power source supplies an electric current, and the electric current flows through the internal power lines to reach the pixels.
- [c4] 4. The organic light emitting display of claim 1, wherein the pixels are arranged in a pixel array.
- [c5] 5. The organic light emitting display of claim 1, wherein each of the pixels comprises:
a switching transistor, having a first drain electrode, a first gate electrode, and a first source electrode, wherein the first drain electrode is coupled to a data line, and the

first gate electrode is coupled to a scan line;
a driving transistor, having a second drain electrode, a second gate electrode, and a second source electrode, wherein the second gate electrode is coupled to the first source electrode, and the second source electrode is grounded;
a storage capacitor, having a first terminal and a second terminal, wherein the first terminal is coupled to the first source electrode and the second gate electrode, and the second terminal is grounded and coupled to the second source electrode; and
a light-emitting device, having an anode and a cathode, wherein the anode is coupled to one of the internal power lines and the cathode is coupled to the second drain electrode.

[c6] 6. The organic light emitting display of claim 5, wherein one terminal of each of the internal power lines is coupled via the external power line to a positive power source.

[c7] 7. The organic light emitting display of claim 5, wherein the switching transistor comprises a thin film transistor.

[c8] 8. The organic light emitting display of claim 5, wherein the driving transistor comprises a thin film transistor.

- [c9] 9. The organic light emitting display of claim 5, wherein the light-emitting device comprises an organic light-emitting diode.
- [c10] 10. The organic light emitting display of claim 5, wherein the light-emitting device comprises a polymer light-emitting diode.
- [c11] 11. The organic light emitting display of claim 1, wherein the organic light-emitting device comprises an active matrix organic light emitting display.